

IN THE CLAIMS

- Claim 1. (Currently amended) A method for attaching a ligand to a solid phase comprising:
- (i) contacting an amine group on the surface of said solid phase with a molecule which reacts with said amine group, said molecule containing a protected or unprotected sulfhydryl group, and
 - (ii) reacting a conjugate of said ligand and a linker, wherein said linker comprises a maleimide group or sulfhydryl group ~~or group~~ with said molecule, to attach said ligand to said solid phase.
- Claim 2. (Original) The method of claim 1, wherein said solid phase is a magnetic bead.
- Claim 3. (Original) The method of claim 1, wherein said ligand is an antibiotic.
- Claim 4. (Original) The method of claim 3, wherein said antibiotic is Rapamycin or Tacrolimus (FK-506).
- Claim 5. (Original) The method of claim 1, wherein said molecule is N-succinimidyl-S-acetyl thioacetate.
- Claim 6. (Original) The method of claim 1, wherein said linker is p-maleimidophenyl isocyanate.
- Claim 7. (Original) The method of claim 1, wherein said molecule is 2-iminothiolane·HCl.
- Claim 8. (Original) The method of claim 1, wherein said molecule reacts with said amine group in an acylation reaction.
- Claim 9. (Original) A solid phase with a ligand attached thereto, prepared in accordance with the method of claim 1.